

Standards List

The list on the following pages is referenced by item number from multiple sections of the SEL. In addition to its number, each item on the list has two annotations:

- Type, which will be either Adopted or “R” for Reference Only. Adopted standards are those that have been formally adopted by the IAB (see discussion in the Standards Coordinating Committee section of the 2003 IAB Annual Report). All other standards are included for reference only.
- Use/Care, which distinguishes standards for the use and care of personal protective equipment, as opposed to product certification standards. Such standards will be identified by “y” in the Use/Care column,

Each standard in this list also has a corresponding record in the Responder Knowledge Base (www.rkb.mipt.org). The online records contain a summary description of the standard, the promulgating organization, and one or more links through which the standard may be viewed or purchased.

ID	Standard Name	Use/Care ¹	Type ²
1	21 CFR (Several Standards apply) FDA. Local standards for EMS and facility patient management equipment should be used.		R
2	21 CFR 862.1345 (FDA), Glucose test system		R
3	21 CFR 868.1400 (FDA), Carbon Dioxide Gas Analyzer		R
4	21 CFR 868.1930 (FDA), Stethoscope head		R
5	21 CFR 868.5630 (FDA), Nebulizer		R
6	21 CFR 868.5895 (FDA), Performance Standard for Continuous Ventilator (Respirator)		R
7	21 CFR 868.5915 (FDA), Manual emergency ventilator		R
8	21 CFR 870.1025 (FDA), Arrhythmia detector and alarm		R
9	21 CFR 870.1120 (FDA), Blood pressure cuff		R
10	21 CFR 870.2700 (FDA), Oximeter		R
11	21 CFR 870.2800 (FDA), Medical magnetic tape recorder		R
12	21 CFR 870.5300 (FDA), DC-defibrillator (including paddles)		R
13	21 CFR 872.6770 (FDA), Cartridge syringe		R
14	21 CFR 874.4770 (FDA), Otoscope		R
15	21 CFR 876.1500 (FDA), Endoscope and accessories		R
16	21 CFR 876.5980 (FDA), Gastrointestinal tube and accessories		R
17	21 CFR 878 (FDA) (multiple sections apply)		R
18	21 CFR 878.3900 (FDA), Inflatable extremity splint		R
19	21 CFR 878.3910 (FDA), Non-inflatable extremity splint		R
20	21 CFR 878.4040 (FDA), Surgical apparel		R
21	21 CFR 878.4460 (FDA), Surgeon's glove		R

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² IAB [A]dopted Standard or [R]eference Only Standard

Standards List - Continued

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22	21 CFR 878.4490 (FDA), Absorbable hemostatic agent and dressing		R
23	21 CFR 878.4780 (FDA), Powered suction pump		R
24	21 CFR 878.4800 (FDA), Manual surgical instrument for general use		R
25	21 CFR 880 (FDA) (multiple sections apply)		R
26	21 CFR 880.2900 (FDA), Colormetric		R
27	21 CFR 880.2910 (FDA), Electronic		R
28	21 CFR 880.2920 (FDA), Mercury		R
29	21 CFR 880.5025 (FDA), IV Bag Container		R
30	21 CFR 880.5200 (FDA), IV Catheter		R
31	21 CFR 880.5240 (FDA), Medical adhesive tape and adhesive bandage		R
32	21 CFR 880.5420 (FDA), Pressure infusor for an I.V. bag		R
33	21 CFR 880.5440 (FDA), Administration Set (All Components)		R
34	21 CFR 880.5725 (FDA), Infusion pump		R
35	21 CFR 880.5860 (FDA), Piston syringe		R
36	21 CFR 880.6230 (FDA), Tongue depressor		R
37	21 CFR 880.6250 (FDA), Patient examination glove		R
38	21 CFR 880.6740 (FDA), Vacuum-powered body fluid suction apparatus		R
39	21 CFR 880.6760 (FDA), Protective restraint		R
40	21 CFR 880.6820 (FDA), Medical disposable scissors		R
41	21 CFR 880.6880 (FDA), Steam sterilizer		R
42	21 CFR 880.6900 (FDA), Hand-carried stretcher		R
43	21 CFR 880.6910 (FDA), Wheeled stretcher		R
44	21 CFR 886.1570 (FDA), Ophthalmoscope		R
45	21 CFR 886.4360 (FDA), Ocular surgery irrigation device		R
46	21 CFR 898 (FDA), Performance Standard for Electrode Lead Wires and Patient Cables		R
47	29 CFR 1910.1030 (OSHA), Bloodborne Pathogens		R
48	29 CFR 1910.120 (OSHA), Hazardous waste operations and emergency response	Y	R
49	29 CFR 1910.132 (OSHA), General requirements, PPE	Y	R
50	29 CFR 1910.134 (OSHA), Respiratory Protection	Y	R
51	29 CFR 1910.135 (OSHA), Head Protection	Y	R

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52	29 CFR 1910.138 (OSHA), Hand Protection	Y	R
53	29 CFR 1910.147 (OSHA) The Control of Hazardous Energy (Lockout/Tagout)		R
54	40 CFR 264 (EPA), Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities		R
55	42 CFR 84 (NIOSH), Respiratory Protective Devices		R
56	42 CFR 84 (NIOSH), with Air-Purifying Escape Respirator (APER) CBRN Statement of Standard; NPPTL Letter dated October 8, 2003		A
57	42 CFR 84 (NIOSH), with APR CBRN Statement of Standard; NPPTL Letter dated April 4, 2003		A
58	42 CFR 84 (NIOSH), with SCBA CBRN Statement of Standard; NPPTL Letter dated December 28, 2001		A
59	42 CFR 84 (NIOSH), with Self-Contained Escape Respirator (SCER) CBRN Statement of Standard; NPPTL Letter dated October 8, 2003		A
60	47 CFR 90 (FCC), Private Land Mobile Radio Services		R
61	49 CFR 172.101 (DOT) Purpose and use of hazardous materials table		R
62	49 CFR 173 (DOT), General Requirements for Shipments and Packages	Y	R
63	49 CFR 173.3 (DOT), Packaging and Exceptions	Y	R
64	49 CFR 178, Specifications for Packaging	Y	R
65	Advanced Encryption Standard (AES), Data Encryption Standard (DES), and Triple Data Encryption (3-DES) (NIST)		R
66	ANSI F852-99e1, Standard Specification for Portable Gasoline Containers for Consumer Use		R
67	ANSI INCITS 385-2004, Face Recognition Format for Data Interchange		R
68	ANSI N42.14, Calibration and Use of Germanium Detectors for the Measurement of Gamma-Ray Emission Rates of Radionuclides		R
69	ANSI N42.32, Performance Criteria for Alarming Personal Radiation Detectors for Homeland Security		A
70	ANSI N42.33, Portable Radiation Detection Instrumentation for Homeland Security		A
71	ANSI N42.34, Performance Criteria for Hand-held Instruments for the Detection and Identification of Radionuclides		A
72	ANSI N42.35, Evaluation and Performance of Radiation Detection Portal Monitors for Use in Homeland Security		A
73	ANSI Z87.1 Occupational and Educational Personal Eye and Face Protection Devices		A

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74	ANSI Z89.1, Industrial Head Protection, 2003 Edition		A
75	ANSI/ISEA 102-1990, Gas Detector Tube Units - Short-Term Type for Toxic Gases and Vapors in Working Environments		R
76	ANSI/ISEA 105, Hand Protection Selection Criteria, 2000 Edition		A
77	ANSI/ISEA 107, High Visibility Safety Apparel, 2004 Edition		A
78	ASTM D4490, Measuring the Concentration of Toxic Gases or Vapors Using Detector Tubes		R
79	ASTM F1052-97, Standard Test Method for Pressure Testing Vapor Protective Ensembles	Y	R
80	ASTM F1556-94, Standard Guide for Spinal Immobilization and Extrication (Spined) Device Characteristics (2002)		R
81	ASTM F2020-02a, Standard Practice for Design, Construction, and Procurement of Emergency Medical Services Systems (EMSS) Ambulances		R
82	ASTM F2300-05, Standard Test Method for Measuring the Performance of Personal Cooling Systems Using Physiological Testing		R
83	ASTM F2319-04, Standard Specification for Fixed Wing Basic Life Support		R
84	CGA E-4, 4th Edition, Standard for Gas Pressure Regulators, Compressed Gas Association, 2002		R
85	CGA E-7, 2nd Edition, Standard for Medical Gas Regulators and Flowmeters, Compressed Gas Association, 1998		R
86	CGA G-4.1, 5th Edition, Cleaning Equipment for Oxygen Service, Compressed Gas Association, 2004		R
87	Federal Food, Drug and Cosmetic Act		R
88	Federal Information Processing Standard (FIPS) 140-2, Security Requirements for Cryptographic Modules, 2001		R
89	Federal Information Processing Standard (FIPS) 201-1, Personal Identity Verification (PIV) of Federal Employees and Contractors, 2006		R
90	Global Justice XML Data Model (DOJ)		A
91	Guidelines for Design and Construction of Hospital and Health Care Facilities, 2001 (American Institute of Architects and the Facilities Guidelines Institute)		R
92	Guidelines for Environmental Infection Control in Health-Care Facilities, 2003 (CDC and the Healthcare Infection Control Practices Advisory Committee)		R
93	IEEE 802.11b-1999 (R2003) Supplement to 802.11-1999, Wireless LAN MAC and PHY specifications: Higher speed Physical Layer (PHY) extension in the 2.4 GHz band		R

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94	IEEE 802.11g-2003 Amendment to IEEE Std 802.11, 1999 Edition (Reaff 2003) IEEE Standard for Information		R
95	INCITS 385-2004, Face Recognition Format for Data Exchange		R
96	KKK-A-1822E, Federal Specification for the Star-of-Life Ambulance		R
97	National Institute for Justice (NIJ) and the Department for Homeland Security (DHS) are currently funding the development of an NIJ Standard for bomb suits. This standards development process is being managed by the NIST-Office for Law Enforcement Standards (OLES). The requirement for a bomb suit standard was generated by the IAB PP&OE Subgroup. The U.S. military has developed the Operational Requirements Document (ORD) for Explosive Ordnance Disposal Advanced Bomb Suit (ABS). The U.S. military has also generated a draft Performance Specification, Bomb Suit, Advanced. The lead organization for this class of military protective equipment development is the Army Natick Soldier Center.		R
98	NFPA 10, Standard for Portable Fire Extinguishers, 2002 Edition		R
99	NFPA 1500, Standard on Fire Department Occupational Safety and Health Program, 2002 Edition	Y	R
100	NFPA 1581, Standard on Fire Department Infection Control Program, 2005 Edition	Y	R
101	NFPA 1851, Standard on Selection, Care, and Maintenance of Structural Fire Fighting Protective Ensembles, 2001 Edition	Y	A
102	NFPA 1852, Standard on Selection, Care, and Maintenance of Open-Circuit Self-Contained Breathing Apparatus, 2002 Edition	Y	A
103	NFPA 1936, Standard on Powered Rescue Tools, 2005 Edition		A
104	NFPA 1951, Standard on Protective Ensemble for USAR Operations, 2001 Edition		A
105	NFPA 1971, Standard on Protective Ensemble for Structural Fire Fighting, 2000 Edition		A
106	NFPA 1975, Standard on Station/Work Uniforms for Fire and Emergency Services, 2004 Edition		A
107	NFPA 1976, Standard on Protective Ensemble for Proximity Fire Fighting, 2000 Edition		A
108	NFPA 1981, Standard on Open-Circuit Self-Contained Breathing Apparatus, 2002 Edition		A
109	NFPA 1982, Standard on Personal Alert Safety Systems, 1998 Edition		A
110	NFPA 1983, Standard on Fire Service Life Safety Rope and System Components, 2001 Edition		A

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111	NFPA 1989, Standard on Breathing Air Quality for Fire and Emergency Services Respiratory Protection, 2003 Edition		R
112	NFPA 1991, Standard on Vapor-Protective Ensembles for Hazardous Materials Emergencies, 2005 Edition		A
113	NFPA 1992, Standard on Liquid Splash-Protective Ensembles and Clothing for Hazardous Materials Emergencies, 2005 Edition		A
114	NFPA 1994, Standard on Protective Ensembles for Chemical/Biological Terrorism Incidents, 2001 Edition (Class 1 Requirements)		A
115	NFPA 1994, Standard on Protective Ensembles for Chemical/Biological Terrorism Incidents, 2001 Edition (Class 2 Requirements)		A
116	NFPA 1994, Standard on Protective Ensembles for Chemical/Biological Terrorism Incidents, 2001 Edition (Class 3 Requirements)		A
117	(Reserved)		
118	NFPA 1999, Standard on Protective Clothing for Emergency Medical Operations, 2003 Edition		A
119	NFPA 2112, Standard on Flame-Resistant Garments for Protection of Industrial Personnel Against Flash Fire, 2001 Edition		A
120	NFPA 2113, Standard on Selection, Care, Use, and Maintenance of Flame-Resistant Garments for Protection of Industrial Personnel Against Flash Fire, 2001 Edition	Y	A
121	NFPA 30, Flammable and Combustible Liquids Code, 2003 Edition		R
122	NFPA 70, National Electric Code, 2005 Edition		R
123	NIJ Guide 100-98, Selection and Application Guide to Police Body Armor, October 1998	Y	A
124	NIJ Standard 0101.04, Ballistic Resistance of Personal Body Armor		A
125	NIJ Standard 0104.02, Riot Helmets and Face Shields		R
126	NIJ Standard 0106.01, Ballistic Helmets, December 1981		R
127	NIJ Standard 0108.01, Ballistic Resistance Protective Materials		R
128	NIST SP 800-31, Intrusion Detection Systems (IDSs)		R
129	NIST SP 800-36, Guide to Selecting Information Security Products		R
130	NIST SP 800-40, Version 2.0, Creating a Patch and Vulnerability Management Program (November, 2005)		R
131	NIST SP 800-41, Guidelines on Firewalls and Firewall Policy		R
132	NIST SP 800-44, Guidelines on Securing Public Web Servers		R

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133	NIST SP 800-45, Guidelines on Electronic Mail Security		R
134	NIST SP 800-46, Security for Telecommuting and Broadband Communications		R
135	NIST SP 800-47, Security Guide for Interconnecting Information Technology Systems		R
136	NIST SP 800-48, Wireless Network Security 802.11, Bluetooth and Handheld Devices		R
137	NIST SP 800-83, Guide to Malware Incident Prevention and Handling (November, 2005)		R
138	NVLAP program (NIST) currently provides accreditation for several different types of whole body and extremity		R
139	Title 21 USC, Controlled Substances Act, Section 812		R
140	UL 913, Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations, 2003		A

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